Subject: Coho Take for Permit 1461

From: Kenneth F Tiffan < ken_tiffan@usgs.gov>

Date: Mon, 22 Aug 2005 07:27:01 -0700

To: <Leslie.schaeffer@noaa.gov>

CC: Dena M Gadomski cena_gadomski@usgs.gov

Leslie,

Sorry I have not gotten back to you sooner on adding coho take to Permit 1461. Our current permit does include 1000 juvenile coho that, at the time, were candidates for listing. Now that they are listed, I guess our numbers apply. I did increase the number to 1,500 just to be on the safe side. I have attached our updated take table. Please let me know if you need anything else from me.

Thankyou,
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(See attached file: Permit 1461 take table-revised 8-22-05.doc)

Permit 1461 take table-revised 8-22-05.doc

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Number of individuals	Species, population, ESU	Life stage	Sex	Origin	Take activity category	Location	Dates	Indirect mortality
				chinook sal	mon			
144	Snake River fall-run ESU'	juvenile	N/A	naturally- produced	capture, diet sample, mark, release	Crims Island / JBHNWR	January- December	7
2	Snake River fall-run ESU'	adult	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
58	Snake River spring/summer -run ESU'	juvenile	N/A	naturally- produced	capture, release	Crims Island /JBHNWR	January- December	3
2	Snake River spring/summer -run ESU'	adult	N/A	naturally- produced	capture, release	Crims Island JBHNWR	January- December	0
28	Snake River spring/summer -run ESU'	juvenile	N/A	artificially- propagated	capture, release	Crims Island / JBHNWR	January- December	1
2	Snake River spring/summer -run ESU ¹	adult	NIA	artificially- propagated	capture, release	Crims Island / JBHNWR	January- December	0
1,364	Lower Columbia River ESU (Tule fall) ¹	juvenile	N/A	naturally- produced	capture, diet sample, mark, release	Crims Island / JBHNWR	January- December	68

Number of individuals	Species, population, ESU	Life stage	Sex	Origin	Take activity category	Location	Dates	Indirect mortality
2	Lower					Crims Island		
	Columbia					/ JBHNWR		
	River ESU			naturally-			January-	0
	(Tule fall) ¹	adult	N/A	produced	capture, release		December	
742	Lower					Crims Island		37
	Columbia				capture, diet	/ JBHNWR	_	
	River ESU			naturally-	sample, mark,		January-	
	(Tule fall – late run) ¹	juvenile	N/A	produced	release		December	
2	Lower					Crims Island		
	Columbia					/ JBHNWR		
	River ESU			naturally-			January-	0
	(Tule fall - late run) 1	adult	N/A	produced	capture, release		December	
	Lower					Crims Island		5
	Columbia				capture, release	/ JBHNWR		
92	River ESU			naturally-			January-	
	(spring-run) ¹	juvenile	N/A	produced			December	
2	Lower					Crims Island		
	Columbia					/ JBHNWR	_	
	River ESU			naturally-			January-	0
	(spring-run) l	adult	N/A	produced	capture, release		December	1
38	Upper					Crims Island		2
	Columbia				capture, release	/ JBHNWR	_	
	River Spring-			naturally-			January-	
	run ESU ²	juvenile	N/A	produced			December	

Number of individuals	Species, population, ESU	Life stage	Sex	Origin	Take activity category	Location	Dates	Indirect mortality
2	Upper	8				Crims Island		
	Columbia					/ JBHNWR		
	River Spring-			naturally-			January-	0
	run ESU ²	adult	N/A	produced	capture, release		December	
	Upper					Crims Island		1
16	Columbia				capture, release	/ JBHNWR		
	River Spring-			artificially-			January-	
	run ESU ²	iuvenile	N/A	propagated			December	
	Upper					Crims Island		
2	Columbia					/ JBHNWR		
	River Spring-			artificially-			January-	0
	run ESU ²	adult	N/A		capture, release		December	
48	Upper			naturally		Crims Island		2
	Willamette			produced	capture, release	/ JBHNWR		
	River Spring-						January-	
	run ESU ²	iuvenile	N/A				December	
2	Upper			naturally		Crims Island		
	Willamette			produced		/ JBHNWR		
	River Spring-						January-	0
	run ESU ²	adult	<u>N/A</u>		capture, release		December	
				steelhead	[
	Upper	T	<u> </u>		capture, release	Crims Island		
4	Columbia			naturally		/ JBHNWR	January-	0
•	River ESU ²	juvenile	N/A	produced		, , , , , , , , , , , , , , , , , , , ,	December	
2	Upper	J				Crims Island		
~	Columbia			naturally		/ JBHNWR	January-	0
	River ESU ²	adult	N/A	produced	capture, release		December	

Number of individuals	Species, population, ESU	Life stage	Sex	Origin	Take activity category	Location	Dates	Indirect mortality
2	Upper Columbia River ESU ²	juvenile .	N/A	artificially- propagated	capture, release	Crims Island / JBHNWR	January- December	0
2	Upper Columbia River ESU ²	adult	N/A	artificially- propagated	capture, release	Crims Island / JBHNWR	January- December	0
10	Snake River Basin ESU'	juvenile	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	1
2	Snake River Basin ESU'	adult	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
2	Lower Columbia River ESU'	juvenile	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
2	Lower Columbia River ESU'	adult	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
2	Middle Columbia River ESU (summer-run) ¹	juvenile	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
2	Middle Columbia River ESU (summer-run) ¹	adult	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0

Number of ndividuals	Species, population, ESU	Life stage	Sex	Origin	Take activity category	Location	Dates	Indirect mortality
2	Middle Columbia River ESU			naturally-	capture, release	Crims Island / JBHNWR	January-	0
	(winter-run) ¹ Middle Columbia	juvenile	N/A	produced		Crims Island / JBHNWR	December	
2	River ESU (winter-run)	adult	N/A	naturally- produced	capture. release	/ JDIIIVWK	January- December	0
2	Upper Willamette River ESU	juvenile	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
2	Upper Willamette River ESU	adult	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
		adun	10/11	coho saln			Becember	
1,500	Lower Columbia River/South- west WA ESU	juvenile	N/A	naturally- produced	capture, diet sample, mark, release	Crims Island	January- December	50
500	Lower Columbia River/South- west WA ESU			naturally-		Crims Island	January-	0
		adult	N/A	produced	capture, release	/ JBHNWR	December	

Number of individuals	Species, population, ESU	Life stage	Sex	Origin	Take activity category	Location	Dates	Indirect mortality
				chum salm	on			
200	Columbia River ESU'	juvenile	N/A	naturally- produced	capture, diet sample, mark, release	Crims Island /JBHNWR	January- December	50
20	Columbia River ESU'	adult	N/A	naturally- produced	capture, release	Crims Island / JBHNWR	January- December	0
	•			sockeye sal	mon	1		
2	Snake River ESU ²	juvenile	NIA	naturally- produced, artificially- propagated	capture, release	Crims Island /JBHNWR	January- December	0
2	Snake River ESU ²	adult	N/A	naturally- produced, artificially- propagated	capture, release	Crims Island / JBHNWR	January- December	0

Listed as threatened.

² Listed as endangered.

³ Considered a candidate for listing.